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April 6, 2005

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Original ☐ will / ☒ will not follow.

Pages (including fax sheet): 5

Per your telephone communication of today with Mrs. Susan Mahon, attached please find a copy of the sequence listing for Application Serial. No. 09/576,858 (our ref: 3802-015-27 CONT). If you need anything further, please do not hesitate to contact Mrs. Mahon at 202-861-6678. Thank you.

Attorney/Client/Matter #: 1-10

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09/576858

(1) GENERAL INFORMATION:

- (i) APPLICANT: Snyder, Richard O.
Cohen, Lawrence K.
Kay, Mark A.
Danos, Olivier
Thompson, Arthur R.
- (ii) TITLE OF INVENTION: ADENO-ASSOCIATED VIRAL VECTOR-MEDIATED
DELIVERY OF DNA TO CELLS OF THE LIVER
- (iii) NUMBER OF SEQUENCES: 8
- (iv) CORRESPONDENCE ADDRESS:
 - (A) ADDRESSEE: SUGHRUE, MION, ZINN, MACPEAK & SEAS
 - (B) STREET: 2100 Pennsylvania Avenue, N.W.
 - (C) CITY: Washington
 - (D) STATE: D.C.
 - (E) COUNTRY: USA
 - (F) ZIP: 20037
- (v) COMPUTER READABLE FORM:
 - (A) MEDIUM TYPE: Floppy disk
 - (B) COMPUTER: IBM PC compatible
 - (C) OPERATING SYSTEM: PC-DOS/MS-DOS
 - (D) SOFTWARE: PatentIn Release #1.0, Version #1.30
- (vi) CURRENT APPLICATION DATA:
 - (A) APPLICATION NUMBER: US 08/882,004
 - (B) FILING DATE: 25-JUN-1997
 - (C) CLASSIFICATION:
- (vii) PRIOR APPLICATION DATA:
 - (A) APPLICATION NUMBER: US 60/032,502
 - (B) FILING DATE: 02-DEC-1996
- (viii) ATTORNEY/AGENT INFORMATION:
 - (A) NAME: Nakamura, Dean H.
 - (B) REGISTRATION NUMBER: 33,981
 - (C) REFERENCE/DOCKET NUMBER: A-6964
- (ix) TELECOMMUNICATION INFORMATION:
 - (A) TELEPHONE: (202)293-7060
 - (B) TELEFAX: (202)293-7860

(2) INFORMATION FOR SEQ ID NO:1:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 20 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULE TYPE: other nucleic acid
 - (A) DESCRIPTION: /desc = "primer"

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(xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

ACTCCATCAC TAGGGGTTCC

20

(2) INFORMATION FOR SEQ ID NO:2:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 30 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: other nucleic acid

- (A) DESCRIPTION: /desc = "primer"

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

GGTAATGATT AACCCGCCAT GCTACTTATC

30

(2) INFORMATION FOR SEQ ID NO:3:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 22 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: other nucleic acid

- (A) DESCRIPTION: /desc = "primer"

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

TCAGAATCTG GCGGCAACTC CC

22

(2) INFORMATION FOR SEQ ID NO:4:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 20 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: other nucleic acid

- (A) DESCRIPTION: /desc = "primer"

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:

TCGTCAAAAA GCGGTATCAG

20

(2) INFORMATION FOR SEQ ID NO:5:

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- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 20 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear

- (ii) MOLECULE TYPE: other nucleic acid
 - (A) DESCRIPTION: /desc = "primer"

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:

TCCCTTGTCG AGTCCGTTGA

20

(2) INFORMATION FOR SEQ ID NO:6:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 20 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear

- (ii) MOLECULE TYPE: other nucleic acid
 - (A) DESCRIPTION: /desc = "primer"

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:

CAGAAGGAAA ACAGCAAACG

20

(2) INFORMATION FOR SEQ ID NO:7:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 84 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear

- (ii) MOLECULE TYPE: DNA (genomic)

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:

AGAGGGAGTG GCCAACTCCA TCACTAGGGG TTCCTGGAGG GGTGGAGTCG TGACGTGAAT

60

TACGTCATAG GGTTAGGGAG GTCC

84

(2) INFORMATION FOR SEQ ID NO:8:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 88 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear

46

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(ii) MOLECULE TYPE: other nucleic acid
(A) DESCRIPTION: /desc = "recombinant"

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:

AGAGGGAGTG GCCAACTCCA TCACTAGGGG TTCCTTG TAG TTAATGATTA ACCCGCCATG 60
CTACTTATCT ACGTAGCCAT GCTCTAGA 80